

1. Product and Company Identification

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Product Name RXSOL-16-1752-025

Product Type Anti Corrosive Agent

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Chennai, Kolkata, Mumbai, Kandla, Visakhapatnam, Fujairah, Muscat, Nairobi

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2. Composition / Information on ingredients

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<u>HAZARDOUS INGREDIENTS</u>	<u>Wt.</u>	<u>Recommended Exposure Limits</u>
Aliphatic Hydrocarbons (Stoddard Type)CAS #8052-41-3	20-30	OSHA PEL: 100 ppm ACGIH TLV: 100 ppm

<u>NON-HAZARDOUS INGREDIENTS</u>		
Calcium Salt Of Oxidized Petrolatum CAS #68425-34-3	60-65	None Established
Residual oils, petroleum, solvent refined CAS #64742-01-4	10-13	ACGIH TLV: 5 mg/m3

3. Hazards Identification

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Eye: Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin: May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns

Swallowing: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

Inhalation: Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

Symptoms of Exposure: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Target Organ Effects: Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans, and may aggravate pre-existing disorders of these organs: central nervous system effects.

Developmental Information: No data

Cancer Information: No data

Other Health Effects: No data

4. First Aid Measures

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Eyes:	If symptoms develop, immediately move individual gently with water for at least 15 minutes while holding eyelids open.
Skin:	Remove contaminated clothing. Wash exposed areas with soap and water. Seek immediate medical attention. Launder clothing before reuse.
Swallowing:	Do not induce vomiting. This material is an asphyxiant. Move individual to fresh air. Place on left side with the head down. Seek immediate medical attention. Do not leave individual unattended.
Inhalation:	If symptoms develop, immediately move individual to fresh air. Seek immediate medical attention; keep person warm and dry. Administer oxygen if respiration is difficult, administer oxygen by nasal cannula if possible.
Note to Physicians:	No data

5. Fire-fighting Measures

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Flash Point:	106 oF (41.1 oC) PMCC
Explosive Limit:	(for component) Lower 1.0 Upper 6.0 %
Autoignition Temperature:	No data
Hazardous Products of Combustion:	May form: carbon dioxide and carbon monoxide, sulfur dioxide, sulfur trioxide, and sulfuric acid.
Fire and Explosion Hazards:	Vapors are heavier than air and may travel along the ground. Vapors may be ignited by heat, pilot lights, other flames and ignition sources. Never use welding or cutting torch on or near drums. Do not use open flame to ignite explosively.
Extinguishing Media:	regular foam, carbon dioxide, dry chemical.
Fire Fighting Instructions:	Water may be used to extinguish fire by cooling. Fire fighters should wear self-contained breathing apparatus with a full facepiece operated in the negative pressure mode or other approved turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

6. Accidental Release Measures

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Small Spill:	Eliminate all sources of ignition such as flares, flames, or open flames. Absorb liquid on vermiculite, floor absorbent or other appropriate material. Do not use sawdust, straw, or other highly combustible material.
Large Spill:	Eliminate all ignition sources (flares, flames, or open flames). Evacuate area. Protective equipment should be excluded from area. Prevent from entering drains, sewers, storm sewers, or waterways. If runoff occurs, notify authorities as required. Pump out and recover product. Do not use for recovery. Absorb unrecoverable product. Transfer to appropriate containers for disposal.

7. Handling and Storage

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Handling:	Containers of this material may be hazardous when emptied. Do not breathe vapors, dust, or product residues (vapor, liquid, and/or solid); all hazard precautions should be observed. All five gallon pails and larger metal containers should be grounded and/or bonded when material is transferred.
Storage:	Not applicable

8. Exposure controls and personal protection

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Eye Protection:	Chemical splash goggles in compliance with OSHA regulations and ANSI standards. OSHA regulations also permit other type safety glasses. Consult the manufacturer for more information.
Skin Protection:	Wear resistant gloves such as: neoprene. To prevent repeated or prolonged contact, wear impervious clothing and boots.
Respiratory Protections:	If workplace exposure limit(s) of product or any component exceeds the recommended limits (see OSHA Guidelines), a NIOSH/MSHA approved air supplied respirator must be used. Use proper environmental control. OSHA regulations also permit the use of respirators (negative pressure type) under specified conditions (see a certified industrial hygienist). Engineering or administrative controls should be used to reduce exposure.
Engineering Controls:	Provide sufficient mechanical (general and/or local exhaust) ventilation to keep exposure below TLV(s)

9. Physical and chemical properties

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Boiling Point:	(for component) 315 oF (157.2 oC)
Vapor Pressure:	(for component) 2 mmHg
Specific Vapor Density:	>1 @ AIR=1
Specific Gravity:	.89 @ 77 oF
Liquid Density:	7.31 lbs/gal @ 77 oF (.89 Kg/l @ 25 oC)
Percent Volatiles (Including Water):	50 - 54
Volatile Organic Compounds (VOC) (Calculated):	3.48 lbs/gal
Evaporation Rate:	Slower Than Ethyl Ether
Appearance:	Translucent
State:	Liquid
Physical Form:	No data
Color:	Amber
Odor:	No data
Ph:	Not applicable

10. Stability and reactivity

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Hazardous Polymerization:	Product will not undergo hazardous polymerization.
Hazardous Decomposition:	May form: carbon dioxide and carbon monoxide, sulfur compounds, various hydrocarbons.
Chemical Stability:	Stable.
Incompatibility:	Avoid contact with: strong oxidizing agents.

11. Toxicological information

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None known.

12. Ecological information

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None known.

13. Disposal considerations

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Waste Management Information: Dispose of in accordance with all applicable local, state and federal regulations.

14. Transport information

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DOT Information 49 CFR 172.101
DOT Description: COMBUSTIBLE LIQUID, N.O.S.,NA 1993,111
Container/Mode: DRUMS/SURFACE - NO EXEMPTIONS

NOS Component: ALIPHATIC HYDROCARBONS (STODDARD TYPE)

RQ (Reportable Quantity) 49 CFR 172.101
Not applicable

15. Regulatory information

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Volatile Organic Content: (Calculated Values)
VOC per gallon: 3.48 lbs/gal
EPA Hazard Category (40 CFR Part 370): IMMEDIATE (ACUTE) FIRE (COMBUSTIBLE)

SARA TITLE III:

This product contains the following TOXIC CHEMICALS subject to the Reporting Requirements of Sec. 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and of 40 CFR Part 372:

Chemical	CAS No.	Wt%
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None

This product contains the following EXTREMELY HAZARDOUS SUBSTANCE(S) subject to Emergency Planning Requirements under Sec. 301-303 (40 CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:

Chemical	CAS No.	Wt%	RQ/TPQ Lbs
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None

This product contains the following (CERCLA LIST) HAZARDOUS SUBSTANCE(S) subject to Emergency Release Notification Requirements under Sec. 304 (40 CFR Part 302):

Chemical	CAS No.	Wt%	Final RQ Lbs
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None

CALIFORNIA PROPOSITION 65:

This product may contain trace quantities of the following chemicals that are identified by the State of California under the Safe Drinking Water and Toxic Reinforcement Act of 1986 ("Proposition 65") as either a carcinogenic or reproductive hazard:

Chemical	CAS No.	Estimated Concentration %
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None

WHMIS CLASSIFICATION: B2, D2B

16. Other information

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Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.